

ABSTRACT

The present invention provides compounds which inhibit serine protease activity of matriptase or MTSP1. Also provided are pharmaceutical compositions comprising those compounds and methods of using the compounds and pharmaceutical compositions to treat conditions ameliorated by inhibition of matriptase or MTSP1. The invention provides recombinant serine protease domains and methods of using peptides comprising a recombinant serine protease domain to screen for compounds that inhibit serine protease activity of matriptase or MTSP1.